

LISTING OF CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

- 1-9. (Cancelled).
10. (Currently amended) A method of treatment of ~~gastrointestinal~~ intestinal disorders, comprising the oral administration of a recombinant microorganism ~~delivering~~ expressing a trefoil peptide *in vivo*.
11. (Currently amended) The method of claim 10 wherein the ~~gastrointestinal~~ intestinal disorders involve lesions.
- 12-18. (Cancelled)
19. (Previously presented) The method of claim 10, wherein the microorganism is a bacterial strain.
20. (Previously presented) The method of claim 19, wherein the microorganism is a food grade gram-positive bacterial strain.
21. (Previously presented) The method of claim 20, wherein the bacterial strain is a *Lactococcus* or a *Lactobacillus* species.
22. (Previously presented) The method of claim 21, wherein the bacterial strain is *Lactococcus lactis*.

Serial No. 10/030,390
Response to Final Office Action

23. (Previously presented) The method of claim 10, wherein the trefoil peptide is TFF1.
24. (Currently amended) The method of claim 10, wherein the ~~gastrointestinal~~ intestinal disorders comprise Crohn's disease (enteritis regionalis), ulcerative colitis (colitis ulcerosa) or acute colitis.
25. (Cancelled).
26. (Currently amended) The method of claim [[25]] 10, wherein the oral administration is by a gastric catheter.
27. (Previously presented) The method of claim 10, wherein the recombinant microorganism comprises a recombinant vector comprising a trefoil peptide-coding sequence under the control of a suitable promoter sequence and a suitable secretion signal sequence.
28. (Previously presented) The method of claim [[27]] 10, wherein the recombinant microorganism ~~vector~~ comprises a nucleotide sequence represented by any of SEQ ID NOS. 1, 2 or 3.
29. (Currently amended) The method of claim 10, wherein the ~~gastrointestinal~~ intestinal disorders are localized in the colon.

Serial No. 10/030,390
Response to Final Office Action